

BOEING - TORRANCE

Management Meeting Minutes #02

May 11, 2000



ATTENDEES:

Johnny Marasco (JM), BRC
~~S. Mario Stavale (MS), BRC~~
De De Soto (DS), BRC
Gregory Stewart (GS), TA
Deryl Robinson (DR), SL

DISTRIBUTION:

Attendees
Steve Shestag (SS), BRC
Fred Wallitsch (FW), SL
Kent Haggerty (KH), SL
Mark Burkholder (MB), NE
Charles (Rus) Purcell (RP), KJC
Michael Young (MY), IES

LEGEND:

BRC = Boeing Realty Corp.
SL = Snyder Langston
KJC = Kennedy/Jenks Consultants
TA = TAIT & Associates
IES = Integrated Environmental
NE = Norcal Engineering

ITEM	RESP.	DUE DATE	DISCUSSION
01.01	GS/JM MS		BID DOCUMENTS - <u>Update 05/11/00:</u> Johnny provided Greg with as-builts for Buildings 1 & 2. Greg, Johnny and Mario will continue to pursue the rest of the drawings. <ul style="list-style-type: none">▪ Greg has received monitor well locations, but still needs the other information. Discussed import soil specification. Agreed to make it an alternate to the earthwork bid based on the geotechnical specs only. The dirt source will be tested prior to start of work for chemical make-up as required for Water Quality Control Board. Any changes at that time would be dealt with as a Change Order.▪ Demolition plans are 85% complete. Need to add dirt requirements and phasing.
01.02			ROLES - <ul style="list-style-type: none">▪ S.H.E.A. - Steve Shestag, Coordination and Overview of Environmental work for Boeing.▪ Integrated Environmental - Michael Young, Environmental Remediation Consulting and Design▪ Kennedy/Jenks Associates - Rus Purcel - Interaction:<ul style="list-style-type: none">- Produce Scope Definition and Specs.- Groundwater Monitoring- Soil Characterization- Physical Monitoring and Remediation▪ Tait & Associates - Greg Stewart, Civil Engineering, Survey, Construction and Demo Plans.▪ Boeing - Johnny Marasco, Site Support▪ Boeing - Mario Stavale, in Charge for Boeing▪ Boeing - De De Soto, Mario Stavale's Assistant▪ Norcal Eng. - Mark Burkholder, Geotechnical Engineering▪ Snyder Langston - Deryl Robinson, Director Preconstruction▪ Snyder Langston - Fred Wallitsch, Project Management
01.03			ENVIRONMENTAL REVIEW - Integrated has prepared a plan showing historical locations where different chemicals were used. This will be used to determine where testing needs to be done. Testing will be done to attempt to identify as many contaminated areas as possible.

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ITEM	RESP.	DUE DATE	DISCUSSION
			<u>Update 05/11/00:</u> The plan for soil characterization may take until late June. This would impact phasing.
01.04			BUILDING REMEDIATION PROGRESS - Boeing has already started abatement work and it continues. <u>Update 05/11/00:</u> Building 3 finished. Almost finished with Building 1.
01.05			SCHEDULE - Three (3) scenarios were discussed as listed: Target start of demolition is July 1, 2000. <ul style="list-style-type: none">▪ <u>Scenario A</u> - To do all the testing and characterization first, then identify remediation and complete it, then do all demolition.▪ <u>Scenario B</u> - To start right away with all demo that is not controlled by remediation, and continue to move forward as remediation is completed. This would include everything from slab-on-grade up. Below grade work would be started after remediation is completed.▪ <u>Scenario C</u> - To bid as Phase 1 the following buildings: 1, 3, 19, 20, 32, and 66 with notes on known environmental areas shown on bid plans. Phase 2 bid plans will be completed as more environmental impacts are confirmed, and included in a separate bid package. <p>It was agreed that Scenario C would be pursued.</p>
	MY		<u>Update 05/11/00:</u> Building 66 may move into Phase 2. Characterization work may also impact. Michael Young is requested to provide updates.
01.06			DRAINAGE & GRADING - <ul style="list-style-type: none">▪ It was agreed that existing storm drain will remain active in place during Phase 1. Precautions will be taken to ensure positive drainage of all pads after Phase 1. This is expected to require a small amount of work.▪ Storm drains will be removed towards end of Phase 2, at which time the site will be graded to approved grading plans.
	DR/GS		<u>Update 05/11/00:</u> Discussed value engineering of grading plans. SL and TA will both look at potential alternatives to reduce amount of import.
02.00			CONCRETE CRUSHING - Discussed contract requirements. Agreed that the demolition contractor will have responsibility to remove material from the site and the right to sell it.
02.01			GEOTECHNICAL - Deryl distributed stamped originals of Norcal Engineering's specifications for working with below grade structures.

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These meeting minutes shall be considered correct unless written notice to the contrary is received by Snyder Langston within five (5) business days of issuance. The next scheduled meeting will be Wednesday, May 24, 2000 at 1:30 PM at Boeing Realty Corporation's office.

Respectfully submitted,

Deryl Robinson

Director, Preconstruction Services

DR/ks